EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	(brows$3 with wireless with application) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 18:55
L2	3	L1 and (707/3).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 18:55
L3	2	L1 and (707/102).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 18:55
L4	2	L1 and (709/225).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 18:55
L5	0	L1 and (455/419).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 18:56
L6	0	L1 and (370/403).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 18:56
S1	552	(access$4 near proxy) and browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:09
S2	33	(access$4 near proxy).ab. and browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:17

EAST Search History

S3	1	"009499".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:18
S4	1571	((retriev$3 or fetch$3) with content$2 with link$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:19
S5	252	((retriev$3 or fetch$3) with content$2 with link$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:29
S6	15	((retriev$3 or fetch$3) with content$2 with link$3 with browser).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:25
S7	1	S6 and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:25
S8	82	S5 and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:29
S9	4	S8 and browser and proxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:30
S10	398	((retriev$3 or fetch$3 or browser) with content$2 with link$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:29

EAST Search History

S11	466	((retriev$3 or fetch$3 or brows$3) with content$2 with link$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:43
S12	113	S11 and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:44
S13	4	S12 and browser and proxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:31
S14	5	S12 and proxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:31
S15	9	S12 and (communication with device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:42
S16	20	S12 and (communication with link$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:42
S17	20	S16 and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:42
S18	1319	((retriev$3 or fetch$3 or brows$3) with (content$2 or page or document or packet) with link$3). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:44

EAST Search History

S19	29	S18 and WAP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:44
S20	0	S19 and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 17:06
S21	3	S18 and (cellular with communication) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:48
S22	23	S18 and (telephone with communication) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:46
S23	3	S18 and (cellular) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:47
S24	5	S18 and (cell$5 same communication) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:52
S25	5	(communication same transceiv$3 same browser same proxy) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:52
S26	39	(communication same transceiv$3 same browser) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:53

EAST Search History

S27	13	S26 and (brows$3 with link$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:53
S28	23	(wireless with application) and (brows$3 with (link$3 or relat$3) with (page or content or document)) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 17:08
S29	16	((retriev$3 or fetch$3) with (page or content or document)) and @ad<"19990611" and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 17:08
S30	9	S28 and ((retriev$3 or fetch$3) with (link$3 or relat$3) with (page or content or document)) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 16:52
S31	47	(brows$3 with wireless with application) and @ad<"19990611"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 16:52
S32	7	S31 and (fetch$3 with (content or document or page) with link$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/15 18:55

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Server broadcasts data to clients using high bandwidth broadcast **links**; Clients listen to the broadcast to **fetch** data; Clients communicate with the server ...
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link should be used. The Mowgli WWW Agent and **Proxy** cooperate in order to **fetch** hypermedia. documents from WWW servers to the mobile node. ...
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itself. In order to reduce **cellular communication**, each cached. service has a single **proxy** cache within each ad-hoc network. in which it is being used. ...
ieeexplore.ieee.org/iel5/10102/32400/01512909.pdf?arnumber=1512909 - Similar pages

Siemens and Software Patents
ep1255368, 2002-11-06, Method to perform **link** adaptation in enhanced **cellular communication** systems with several modulation and coding schemes ...
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Mobile data/message/electronic mail download system utilizing ...
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1 Mobility: Session level techniques for improving web browsing performance on wireless links

Pablo Rodriguez, Sarit Mukherjee, Sampath Ramgarajan

May 2004 **Proceedings of the 13th international conference on World Wide Web WWW '04**

Publisher: ACM Press

Full text available: pdf(486.66 KB) Additional Information: full citation, abstract, references, citings, index terms

Recent observations through experiments that we have performed incurrent third generation wireless networks have revealed that the achieved throughput over wireless links varies widely depending on the application. In particular, the throughput achieved by file transfer application (FTP) and web browsing application (HTTP) are quite different. The throughput achieved over a HTTP session is much lower than that achieved over an FTP session. The reason for the lower HTTP throughput is that the HTT ...

Keywords: optimizations, web, wireless

2 GPRSWeb: optimizing the web for GPRS links

Rajiv Chakravorty, Andrew Clark, Ian Pratt

May 2003 **Proceedings of the 1st international conference on Mobile systems, applications and services MobiSys '03**

Publisher: ACM Press

Full text available: pdf(1.03 MB) Additional Information: full citation, abstract, references, citings

The General Packet Radio Service (GPRS) is being deployed by GSM network operators world-wide, and promises to offer users "always-on" data access at bandwidths comparable to that of conventional fixed-line telephone modems. Unfortunately, many users have found the reality to be rather different, experiencing very disappointing performance when, for example, browsing the web over GPRS.In this paper we investigate what causes the HTTP protocol and its underlying transport TCP to underperform in a ...

3 Experimental testbeds and data: Performance optimizations for wireless wide-area networks: comparative study and experimental evaluation

Rajiv Chakravorty, Suman Banerjee, Pablo Rodriguez, Julian Chesterfield, Ian Pratt

September 2004 **Proceedings of the 10th annual international conference on Mobile computing and networking MobiCom '04**
Publisher: ACM Press

Full text available: pdf(262.46 KB) Additional Information: full citation, abstract, references, citings, index terms

We present a comparative performance study of a wide selection of optimization techniques to enhance application performance in the context of wide-area wireless networks (WWANs). Unlike in traditional wired and wireless IP-based networks, applications running over WWAN cellular environments are significantly affected by the vagaries of the cellular wireless medium. Prior research has proposed and analyzed optimizations at individual layers of the protocol stack. In contrast, we introduce the fi ...

Keywords: 3G, CDMA 2000, GPRS, HTTP, TCP, UMTS, cellular, cross-layer interactions, multi-layer performance optimizations, proxy

4 Applications: Efficient and transparent dynamic content updates for mobile clients
Trevor Armstrong, Olivier Trescases, Cristiana Amza, Eyal de Lara
June 2006 **Proceedings of the 4th international conference on Mobile systems, applications and services MobiSys 2006**
Publisher: ACM Press
Full text available: pdf(378.99 KB) Additional Information: full citation, abstract, references, index terms

We introduce a novel infrastructure supporting automatic updates for dynamic content browsing on resource constrained mobile devices. Currently, the client is forced to continuously poll for updates from potentially different data sources, such as, e-commerce, on-line auctions, stock and weather sites, to stay up to date with potential changes in content. We employ a pair of proxies, located on the mobile client and on a fully-connected edge server, respectively, to minimize the battery consumpt ...

Keywords: batching, caching, energy measurement, mobile wireless communication, power management, pre-fetching, proxy

5 Rover: a toolkit for mobile information access
A. D. Joseph, A. F. de Lespinasse, J. A. Tauber, D. K. Gifford, M. F. Kaashoek
December 1995 **ACM SIGOPS Operating Systems Review , Proceedings of the fifteenth ACM symposium on Operating systems principles SOSP '95**, Volume 29 Issue 5
Publisher: ACM Press
Full text available: pdf(2.18 MB) Additional Information: full citation, references, citings, index terms

6 Applications: YouServ: a web-hosting and content sharing tool for the masses
Roberto J. Bayardo Jr., Rakesh Agrawal, Daniel Gruhl, Amit Somani
May 2002 **Proceedings of the 11th international conference on World Wide Web WWW '02**
Publisher: ACM Press

Full text available: pdf(238.48 KB) Additional Information: full citation, abstract, references, citings, index terms

YouServ is a system that allows its users to pool existing desktop computing resources for *high availability* web hosting and file sharing. By exploiting standard web and internet protocols (e.g. HTTP and DNS), YouServ does not require those who access YouServ-published content to install special purpose software. Because it requires minimal server-side resources and administration, YouServ can be provided at a very low cost. We

describe the design, implementation, and a successful intrane ...

Keywords: decentralized systems, p2p, peer-to-peer networks, web hosting

7 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research CASCON '97**

Publisher: IBM Press

Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

8 CDNs and caching: Value-based web caching

Sean C. Rhea, Kevin Liang, Eric Brewer

May 2003 **Proceedings of the 12th international conference on World Wide Web WWW '03**

Publisher: ACM Press

Full text available: pdf(168.62 KB) Additional Information: full citation, abstract, references, citings, index terms

Despite traditional web caching techniques, redundant data is often transferred over HTTP links. These redundant transfers result from both resource modification and aliasing. Resource modification causes the data represented by a single URI to change; often, in transferring the new data, some old data is retransmitted. Aliasing, in contrast, occurs when the same data is named by multiple URIs, often in the context of dynamic or advertising content. Traditional web caching techniques index data ...

Keywords: HTTP, WWW, aliasing, caching, duplicate suppression, dynamic content, hypertext transfer protocol, privacy, proxy, redundant transfers, resource modification, scalability, world wide web

9 Dynamic parallel access to replicated content in the internet

Pablo Rodriguez, Ernst W. Biersack

August 2002 **IEEE/ACM Transactions on Networking (TON)**, Volume 10 Issue 4

Publisher: IEEE Press

Full text available: pdf(350.99 KB) Additional Information: full citation, abstract, references, citings, index terms

Popular content is frequently replicated in multiple servers or caches in the Internet to offload origin servers and improve end-user experience. However, choosing the best server is a nontrivial task and a bad choice may provide poor end user experience. In contrast to retrieving a file from a single server, we propose a parallel-access scheme where end users access multiple servers at the same time, fetching different portions of that file from different servers and reassembling them locally. ...

Keywords: HTTP, content distribution, internet, mirroring, parallel access, peer-to-peer, replication, web

10 User interfaces: semantic tagging: Knowing the user's every move: user activity tracking for website usability evaluation and implicit interaction

Richard Atterer, Monika Wnuk, Albrecht Schmidt

May 2006 **Proceedings of the 15th international conference on World Wide Web WWW '06**

Publisher: ACM Press

Full text available: pdf(1.22 MB) Additional Information: full citation, abstract, references, index terms

In this paper, we investigate how detailed tracking of user interaction can be monitored using standard web technologies. Our motivation is to enable implicit interaction and to ease usability evaluation of web applications outside the lab. To obtain meaningful statements on how users interact with a web application, the collected information needs to be more detailed and fine-grained than that provided by classical log files. We focus on tasks such as classifying the user with regard to compute ...

Keywords: HTTP proxy, implicit interaction, mouse tracking, user activity tracking, website usability evaluation

11 Session 7: Squirrel: a decentralized peer-to-peer web cache

Sitaram Iyer, Antony Rowstron, Peter Druschel

July 2002 **Proceedings of the twenty-first annual symposium on Principles of distributed computing PODC '02**

Publisher: ACM Press

Full text available: pdf(1.22 MB) Additional Information: full citation, abstract, references, citings

This paper presents a decentralized, peer-to-peer web cache called Squirrel. The key idea is to enable web browsers on desktop machines to share their local caches, to form an efficient and scalable web cache, without the need for dedicated hardware and the associated administrative cost. We propose and evaluate decentralized web caching algorithms for Squirrel, and discover that it exhibits performance comparable to a centralized web cache in terms of hit ratio, bandwidth usage and latency. It ...

12 A 3D audio only interactive Web browser: using spatialization to convey hypermedia document structure

Stuart Goose, Carsten Möller

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 1) MULTIMEDIA '99**

Publisher: ACM Press

Full text available: pdf(986.21 KB) Additional Information: full citation, abstract, references, citings, index terms

Interactive audio browsers provide both sighted and visually impaired users with access to the WWW. In addition to the desktop PC, audio browsing technology can be deployed that enable users to browse the WWW using a telephone or while driving a car. This paper describes a new conceptual model of the HTML document structure and its mapping to a 3D audio space. Novel features are discussed that provide information such as: an audio structural survey of the HTML document; accurate positional ...

Keywords: 3D audio, WWW, browsing, document structure, hypertext, spatialization

13 WebExpress: a client/intercept based system for optimizing Web browsing in a wireless environment

Barron C. Housel, George Samaras, David B. Lindquist

December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(338.35 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper describes an application model and software technology that makes it possible to run World Wide Web applications in wide area wireless networks. Web technology in conjunction with today's mobile devices (e.g., laptops, notebooks, personal digital assistants) and the emerging wireless technologies (e.g., digital cellular, packet radio, CDPD) offer the potential for unprecedented access to data and applications by mobile workers. Yet, the limited bandwidth, high latency, high cost, ...

14 WebSplitter: a unified XML framework for multi-device collaborative Web browsing

Richard Han, Veronique Perret, Mahmoud Naghshineh
December 2000 **Proceedings of the 2000 ACM conference on Computer supported cooperative work CSCW '00**
Publisher: ACM Press

Full text available: pdf(200.60 KB) Additional Information: full citation, abstract, references, citings, index terms

WebSplitter symbolizes the union of pervasive multi-device computing and collaborative multi-user computing. WebSplitter provides a unified XML framework that enables multi-device and multi-user Web browsing. WebSplitter splits a requested Web page and delivers the appropriate partial view of each page to each user, or more accurately to each user's set of devices. Multiple users can participate in the same browsing session, as in traditional conferencing groupware. Depending on the acc ...

Keywords: PDA, XML, co-browsing, collaboration, groupware, middleware, multi-device, partial view, pervasive, proxy, remote control, service discovery, wireless

15 An information system based on distributed objects

Michael Caplinger
December 1987 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPSLA '87**, Volume 22 Issue 12
Publisher: ACM Press

Full text available: pdf(1.33 MB) Additional Information: full citation, abstract, references, citings, index terms

The Telesophy system is intended to provide transparent access to all of a community's online information. The scale of the system requires that it be distributed across many machines via a network; the multiple types and formats of the information require that it be a multimedia system. We describe a prototype that uses objects to represent, query, display, and edit information. A two-level storage system is used to store the objects on multiple servers; queries are proces ...

16 Applications, services, and architecture: Smart edge server: beyond a wireless access point

G. Manjunath, T. Simunic, V. Krishnan, J. Tourrilhes, D. Das, V. Srinivasmurthy, A. McReynolds
October 2004 **Proceedings of the 2nd ACM international workshop on Wireless mobile applications and services on WLAN hotspots WMASH '04**
Publisher: ACM Press

Full text available: pdf(410.68 KB) Additional Information: full citation, abstract, references, index terms

Wireless access at cafes, airports, homes and businesses have proliferated all over the globe with several different Wireless Internet Service Providers. Similarly, digital media has created a paradigm shift in media processing resulting in a complete change in media usage models, revamped existing businesses and has introduced new industry players.

We believe there is a tremendous opportunity for application and system services at the intersection of the above two domains for exploiting the ...

Keywords: access point, low-power, management, media, security, wireless

17 WebExpress: a system for optimizing Web browsing in a wireless environment

Barron C. Housel, David B. Lindquist

November 1996 **Proceedings of the 2nd annual international conference on Mobile computing and networking MobiCom '96**

Publisher: ACM Press

Full text available: pdf(995.95 KB) Additional Information: full citation, references, citings, index terms

18 Learning classifiers: Using urls and table layout for web classification tasks

L. K. Shih, D. R. Karger

May 2004 **Proceedings of the 13th international conference on World Wide Web WWW '04**

Publisher: ACM Press

Full text available: pdf(357.43 KB) Additional Information: full citation, abstract, references, citings, index terms

We propose new features and algorithms for automating Web-page classification tasks such as content recommendation and ad blocking. We show that the automated classification of Web pages can be much improved if, instead of looking at their textual content, we consider each links's URL and the visual placement of those links on a referring page. These features are unusual: rather than being scalar measurements like word counts they are *tree structured*---describing the position of the item ...

Keywords: classification, news recommendation, tree structures, web applications

19 Replication for web hosting systems

Swaminathan Sivasubramanian, Michal Szymaniak, Guillaume Pierre, Maarten van Steen

September 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 3

Publisher: ACM Press

Full text available: pdf(374.99 KB) Additional Information: full citation, abstract, references, citings, index terms

Replication is a well-known technique to improve the accessibility of Web sites. It generally offers reduced client latencies and increases a site's availability. However, applying replication techniques is not trivial, and various Content Delivery Networks (CDNs) have been created to facilitate replication for digital content providers. The success of these CDNs has triggered further research efforts into developing advanced Web replica hosting systems. These are systems that ...

Keywords: Web replication, content delivery networks

20 Adapting to network and client variability via on-demand dynamic distillation

Armando Fox, Steven D. Gribble, Eric A. Brewer, Elan Amir

October 1996 **ACM SIGOPS Operating Systems Review , ACM SIGPLAN Notices , Proceedings of the seventh international conference on Architectural support for programming languages and operating systems ASPLOS-VII**, Volume 30 , 31 Issue 5 , 9

Publisher: ACM Press

Full text available: pdf(1.64 MB) Additional Information: full citation, abstract, references, citings, index terms

The explosive growth of the Internet and the proliferation of smart cellular phones and handheld wireless devices is widening an already large gap between Internet clients. Clients vary in their hardware resources, software sophistication, and quality of connectivity, yet server support for client variation ranges from relatively poor to none at all. In this paper we introduce some design principles that we believe are fundamental to providing "meaningful" Internet access for the entire range of ...

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Results for "(('cellular communication' simultaneously fetching content link proxy browser)<in>metadata)" e-mail
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(('cellular communication' simultaneously fetching content link proxy browser)<in>met Search

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IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

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